

NASA Goddard Coldfusion Users Group

May Agenda

- RIA development with an Open Source Platform
- Adobe buys Macromedia
- New format



What is a RIA?

- No refreshes, one page interactivity
- Deployment as desktop or server application
- Applications
 - Marketing: brand reinforcement and product interactivity
 - Science: data visualization, educational outreach, real-time information

→ more



How to produce RIA?

- Macromedia Flash-based front end interacting with application servers using ActionScript language
- Powerful tool because it can be fully customized
- Macromedia Flex, a platform to develop RIAs, can be expensive for prototyping or producing small projects



Producing RIAs with Open Source platform: Laszlo Systems

- If the know-how is available, open source software generally allows software production at lower costs
- The open source paradigm shifts the software business model to training, support and consulting services
- Open Source software is a growing trend that should be explored; really good software are available
- Laszlo Systems, California, released their RIA platform development to the open source community: OpenLaszlo 3.0



Laszlo Systems: The Platform

- OpenLaszlo is a Java-based software, XML-based markup w/extensible tags and object oriented features; uses Javascript
- New on version 3.0
 - Solo vs server deployment
 - Drawing API, dynamic libraries
 - Unicode support
 - Performance optimization
 - Eclipse IDE plug-in
- Laszlo Systems, California, released their RIA platform development to the open source community: OpenLaszlo 3.0



Laszlo Systems: Examples

- Examples
 - Calendar
 - Dashboard
 - Amazon store
- Case studies
 - Behr
 - Yahoo
 - Earthlink Mail

→demo



Laszlo Systems: Training

- Learn Laszlo in 10 minutes
- Can use any application server (that includes Coldfusion!)
- Application development example: GuestBlox



Laszlo Systems: Summary

- Inexpensive way of implementing RIAs
- Can use any application server (that includes Coldfusion!)
- Empower developers to create new applications

As Jeff Bezos says on Internet business and applications...

"What you see today, is just the tip of the iceberg."



Laszlo Systems: Q&A



RIA & Laszlo resources

<http://www.laszlosystems.com>

<http://www.openlaszlo.org>

<http://www.mylaszlo.com>

<http://www.macromedia.com/devnet/mx/coldfusion/articles/xmlxslt.pdf>

<http://alphaworks.ibm.com/tech/ide4laszlo/>

<http://www.eclipse.org>

<http://www.sourceforge.org>



More questions?

Contact Martin Cadirola

301.614.6774	cadirola[at]agnes.gsfc.nasa.gov
301.591.1706	martin[at]ecotronics.com

